

COMPACT OPTICAL TRANSCEIVER HAVING HOUSING WITH IMPROVED COUPLING  
MECHANISM AND ASSEMBLY METHOD THEREOF

**ABSTRACT OF THE DISCLOSURE**

An optical transceiver providing a carrier; a cover  
5 couplable to a portion of the carrier to define a transceiver  
enclosure; and, an electro-optical assembly supported in the  
enclosure is provided. A coupling mechanism and cooperating  
structure are particularly adapted to define pivoting motion of  
the cover relative to the carrier, whereby interference of the  
10 cover and the electro-optical assembly is avoided. Methods of  
assembling the transceiver components are present.